

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL06/00356

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: G01J 5/02( 2006.01)

USPC: 250/353,339.02,342,349

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 250/353,339.02,342,349

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,239,437 B1 (BARONE et al) 29 May 2001 (29.05.2001), Figure 11, Abstract and column 6, lines 55-65)	1-2,10-18,39,40, 53-57, 59-60, 175-191 ----- 3-7,8-9,12-18,25- 30,36-39, 41-54,56- 69,71-80,82-94,151- 161,163,167-174, 180- 184,186-187,192- 201,213,219-220



Further documents are listed in the continuation of Box C.



See patent family annex.

Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

19 November 2007 (19.11.2007)

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29 NOV 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Dave Porta

Telephone No. 571-272-1550

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,572,033 A (GRANT et al) 5 November 1996 (05.11.1996), Figure 7, column 1, lines 12-17, column 2, lines 36-67, column 3, lines 10-14, lines 33-35 and lines 56-61, column 5, lines 47-65, column 7, lines 5-10, lines 41-67, column 8, line 12 and lines 18-25, column 9, lines 6-10, column 10, lines 22-26	3-7,8-9,12-18,25-30,36-39, 41-54,56-69,71-80,82-94,151-161,163,167-174, 180-184,186-187,192-201,213,219-220
X	US 5,929,445 (BARONE et al) 27 July 1999 (27.07.1999), Figure 8.	95,96,100-105,107-111,215-217
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Y		81,95-99,102,104-107,111,216,218,179,202-209,221-222
Y	US 4,429,224 (WAGII et al) 31 January 1984 (31.01.1984), Figure 1 and Figure 8, column 3, line 31, column 2, lines 30-32.	81,95-99, 179,202-209,221-222
Y	US 6,211,522 B1 (KOTLICKI et al) 3 April 2001 (03.04.2001), Figures 5A,5B, 11, 12, 14a-15b, column 18, lines 18-42.	102,104-107-111,216,218
Y	US 5,465,080 A (LIDDIARD et al) 7 November 1995 (07.11.1995), column 2, line 18.	106
A	US 7,053,374 B2 (BARONE et al) 30 May 2006 (30.05.2006), entire document.	1-111 and 151-222